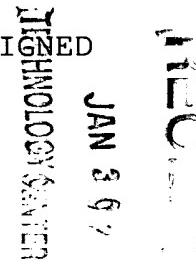


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PATENT  
0459-0651P

IN THE U.S. PATENT AND TRADEMARK OFFICE

Applicant: Leif OSTERGAARD Conf.:  
Appl. No.: 09/937,146 Group: UNASSIGNED  
Filed: November 15, 2001 Examiner: UNASSIGNED  
For: METHOD FOR DETERMINING HAEMODYNAMIC  
INDICES BY USE OF TOMOGRAPHIC DATA



L E T T E R

Assistant Commissioner for Patents  
Washington, DC 20231

January 10, 2002

Sir:

Enclosed herewith are copies of the documents which were cited in the International Search Report and listed on the Form PTO-1449 filed with the Information Disclosure Statement on September 21, 2001.

The PTO is requested to make these documents of record in the file of the present application and to return the initialed Form PTO-1449 to the undersigned.

If necessary, the Commissioner is hereby authorized in this, concurrent, and future replies, to charge payment or credit any overpayment to Deposit Account No. 02-2448 for any additional fee required under 37 C.F.R. §§ 1.16 or 1.17; particularly, extension of time fees.

Respectfully submitted,

BIRCH, STEWART, KOLASCH & BIRCH, LLP

By Joe McKinney Muncy  
Joe McKinney Muncy, #32, 334

P.O. Box 747  
Falls Church, VA 22040-0747  
(703) 205-8000

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0459-0651P

Attachments: Documents cited in Search Report - eight (8)

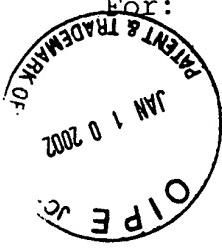
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PATENT  
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Applicant: Leif OSTERGAARD Conf.:  
Appl. No.: 09/937,146 Group: UNASSIGNED  
Filed: November 15, 2001 Examiner: UNASSIGNED

For: METHOD FOR DETERMINING HAEMODYNAMIC  
INDICES BY USE OF TOMOGRAPHIC DATA



INFORMATION DISCLOSURE STATEMENT  
(SUBMISSION AFTER FILING OF AN APPLICATION  
BUT BEFORE FINAL REJECTION OR NOTICE OF ALLOWANCE  
OR CONCURRENTLY WITH A RULE 53(d) CPA APPLICATION  
OR WITH A RULE 1.114 RCE APPLICATION)

Assistant Commissioner for Patents  
Washington, DC 20231

January 10, 2002

Sir:

Pursuant to 37 C.F.R. §§ 1.97 and 1.98, applicant(s) hereby submit(s) an Information Disclosure Statement for consideration by the Examiner.

I. LIST OF PATENTS, PUBLICATIONS OR OTHER INFORMATION

The patents, publications, or other information submitted for consideration by the Office are listed on the PTO-1449(s), attached hereto.

II. COPIES (check at least one box)

a.  Submitted herewith is a legible copy of (i) each U.S. and foreign patent; (ii) each publication or that portion which caused it to be listed; and (iii) all other information or that portion which caused it to be listed.

b.  Some or all of the documents listed on the PTO-1449 are not enclosed because they were cited in the International Search Report and copies should already be in the PTO file. If copies are needed, please contact the undersigned.

**III. CONCISE EXPLANATION OF THE RELEVANCE**  
(check at least one box)

a.  **DOCUMENTS IN THE ENGLISH LANGUAGE**

The attached patents, publications, or other information in the English language do not require a statement of relevancy.

b.  **DOCUMENTS NOT IN THE ENGLISH LANGUAGE**

A concise explanation of the relevance of all patents, publications, or other information listed that is not in the English language is as follows:

c.  **ENGLISH LANGUAGE SEARCH REPORT**

An English language version of the search report or action that indicates the degree of relevance found by the foreign office is attached, thereby satisfying the requirement for a concise explanation. See MPEP 609(A)(3).

d.  **OTHER**

The following additional information is provided for the Examiner's consideration.

FEES

IV.  THIS IDS IS BEING FILED UNDER 37 C.F.R. § 1.97(b):  
(check one box)

- a.  within three months of the filing date of a national application (37 C.F.R. § 1.97(b)(1)). No fee or statement is required. (This section is not to be used with RCE's and CPA's).
- b.  within three months of the date of entry of the national stage as set forth in § 1.491 in an international application (37 C.F.R. § 1.97(b)(2)). No fee or statement is required.
- c.  concurrently with the filing of a Continued Prosecution Application under 37 C.F.R. § 1.53(d) or concurrently with the filing of a Request for Continued Examination under § 1.114 (37 C.F.R. § 1.97(b)(4)). No fee or statement is required.
- d.  before the mailing date of a first Action on the merits (37 C.F.R. § 1.97(b)(3)). No fee or statement is required.  
In the event that a first Office Action on the merits has been issued, please consider this IDS under 37 C.F.R. § 1.97(c) and see the statement under 37 C.F.R. § 1.97(e) below, or, if no statement has been made, charge our deposit account in the amount of \$180.00 as required by 37 C.F.R. § 1.17(p).

V.  THIS IDS IS BEING FILED UNDER 37 C.F.R. § 1.97(c):  
(check one box)

before the mailing date of a Final Office Action under 37 C.F.R. § 1.113 (See 37 C.F.R. § 1.97(c)(1)) or before the mailing date of a Notice of Allowance under 37 C.F.R. § 1.311 (See 37 C.F.R. § 1.97(c)(2)).

- a.  No statement; therefore, a fee in the amount of \$180.00 as required by 37 C.F.R. § 1.17(p).  
or
- b.  See the statement below. No fee is required.

VI. STATEMENT UNDER 37 C.F.R. § 1.97(e) (check only one box)

The undersigned hereby states that

- a.  each item of information contained in the IDS was first cited in any communication from a foreign Patent Office in a counterpart foreign application not more than three months prior to the filing of this IDS; or
- b.  no item of information contained in the IDS was cited in a communication from a foreign Patent Office in a counterpart foreign application, and, to the knowledge of the person signing the certification after making reasonable inquiry, no item of IDS was known to any individual designated in 37 C.F.R. § 1.56(c) more than three months prior to the filing of the IDS.
- c.  Some of the items of information were cited in a communication from a foreign Patent Office. As to this information, the undersigned states that each item of information contained in the IDS was cited in a communication from a foreign Patent Office in a counterpart foreign application not more than three months prior to the filing of this IDS. As to the remaining information, the undersigned hereby states that no item of this remaining information contained in the IDS was cited in a communication from a foreign Patent Office in a counterpart foreign application and, to the best of my knowledge after making reasonable inquiry, was known to any individual designated in 37 C.F.R. § 1.56(c) more than three months prior to the filing of this statement.

VII. PAYMENT OF FEES (check one box)

- A check in the amount of \$180.00 as required by 37 C.F.R. § 1.17(p) is enclosed for the above-identified fee.
- Please charge Deposit Account No. 02-2448 in the amount required by 37 C.F.R. § 1.17(p) for the above-indicated fee. A triplicate copy of this paper is attached.
- No fee is required.

If the Examiner has any questions concerning this IDS, he/she is requested to contact the undersigned. If it is determined that this IDS has been filed under the wrong rule, the PTO is requested to consider this IDS under the proper rule and charge the appropriate fee to Deposit Account No. 02-2448.

If necessary, the Commissioner is hereby authorized in this, concurrent, and future replies, to charge payment or credit any overpayment to Deposit Account No. 02-2448 for any additional fees required under 37 C.F.R. § 1.16 or under § 1.17; particularly, extension of time fees.

Respectfully submitted,

BIRCH, STEWART, KOLASCH & BIRCH, LLP

By Joe McKinney Muncy  
Joe McKinney Muncy, #32,334

P.O. Box 747  
Falls Church, VA 22040-0747  
(703) 205-8000

KM/asc  
0459-0651P

- Enclosures:       PTO-1449  
                  Documents  
                  Foreign Search Report  
                  Fee  
                  Other:

(Rev. 10/31/01)

Form PTO-1449 *		ATTY DOCKET NO. 0459-0651P	APPLICATION NO. 09/937,146	
<b>INFORMATION DISCLOSURE CITATION IN AN APPLICATION</b>  (Use several sheets if necessary)		APPLICANT Leif OSTERGAARD		
		FILING DATE September 21, 2001	GROUP UNASSIGNED	
<b>U.S. PATENT DOCUMENTS</b>				
EXAMINER INITIALS <i>O IPE</i>	DOCUMENT NUMBER	DATE	NAME	
			CLASS      SUB CLASS	
			FILING DATE IF APPROPRIATE	
<b>FOREIGN PATENT DOCUMENTS</b>				
EXAMINER INITIALS <i>ENT &amp; TRADEMARK OFFICE</i>	DOCUMENT NUMBER	DATE	COUNTRY	
			CLASS      SUB CLASS	
			TRANSLATION YES      NO	
<b>OTHER DOCUMENTS</b> (Include Name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.)				
/	ABOUNADER et al., "Patterns of Capillary Plasma Perfusion in Brains of Conscious Rats During Normocapnia and Hypercapnia," Circulation Research, Vol. 76, No. 1, January 1995, pp. 120-126.			
	ARONEN et al., "Cerebral Blood Volume Maps of Gliomas: Comparison with Tumor Grade and Histologic Findings," Radiology, Vol. 191, No. 1, April 1994, pp. 41-51.			
	BARON et al., "Reversal of Focal 'Misery-Perfusion Syndrome' By Extra-Intracranial Arterial Bypass in Hemodynamic Cerebral Ischemia," Stroke, Vol. 12, No. 4, July-August 1981, pp. 454-459.			
	BOCK, "Pathogenesis of Acute Renal Failure: New Aspects," Contrib Nephrol., Vol. 124, 1998, pp. 43-63.			
	BOXERMAN et al., "MR Contrast due to Intravascular Magnetic Susceptibility Perturbations," Magn. Reson. Med., Vol. 34, 1995, pp. 555-566.			
	BUELL et al., "Combined SPECT Imaging of Regional Cerebral Blood Flow ( <sup>99m</sup> Tc-Hexamethyl-Propyleneamine Oxime, HMPAO) and Blood Volume ( <sup>99m</sup> Tc-RBC) to Assess Regional Cerebral Perfusion Reserve in Patients with Cerebrovascular Disease," NuklearMedizin, Vol. 27, 1988, pp. 51-56.			
	CHAN et al., "SENSOP: A Derivative-Free Solver for Nonlinear Least Squares with Sensitivity Scaling," Annals of Biomedical Engineering, Vol. 21, 1993, pp. 621-631.			
	CLAUDON et al., "Renal Blood Flow in Pigs: Changes Depicted with Contrast-enhanced Harmonic US Imaging during Acute Urinary Obstruction," Radiology, Vol. 212, 1999, pp. 725-731.			
	CRONE, "The Permeability of Capillaries in Various Organs as Determined by Use of the 'Indicator Diffusion' Method," Acta physiol. scand., Vol. 58, 1963, pp. 292-305.			
	ENDRICH et al., "The Role of the Microcirculation in the Treatment of Malignant Tumors: Facts and Fiction," Blood Perfusion and microenvironment of human tumors, 1998, pp. 20-39.			
	FERRARA et al., "Clinical applications of angiogenic growth factors and their inhibitors," Nature Medicine, Vol. 5, No. 12, December 1999, pp. 1359-1364.			
EXAMINER	63	DATE CONSIDERED <i>10/07/02</i>		
EXAMINER: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.				

Form PTO-1449 •		ATTY DOCKET NO. 0459-0651P	APPLICATION NO. 09/937,146	
<b>INFORMATION DISCLOSURE CITATION IN AN APPLICATION</b>		APPLICANT Leif OSTERGAARD		
(Use several sheets if necessary)		FILING DATE September 21, 2001	GROUP UNASSIGNED	
<b>U.S. PATENT DOCUMENTS</b>				
EXAMINER INITIALS <i>61PE</i>	DOCUMENT NUMBER	DATE	NAME	
			CLASS      SUB CLASS	
			FILING DATE IF APPROPRIATE	
<b>FOREIGN PATENT DOCUMENTS</b>				
EXAMINER INITIALS <i>JAN 10 2002</i>	DOCUMENT NUMBER	DATE	COUNTRY	
			CLASS      SUB CLASS	
			TRANSLATION YES      NO	
<b>OTHER DOCUMENTS</b> (Include Name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.)				
FISEL et al., "MR Contrast Due to Microscopically Heterogeneous Magnetic Susceptibility: Numerical Simulations and Applications to Cerebral Physiology," Magnetic Resonance in Medicine, Vol. 17, 1991, pp. 336-347.				
FROKIAER et al., "Renal hemodynamic response to ureteral obstruction during converting enzyme inhibition," Urol Res, Vol. 24, 1996, pp. 217-227.				
GIBBS et al., "Evaluation of Cerebral Perfusion Reserve in Patients with Carotid-Artery Occlusion," The Lancet, February 11, 1984, pp. 310-314.				
GRUBB et al., "The Effects of Changes in PaCO <sub>2</sub> on Cerebral Blood Volume, Blood Flow, and Vascular Mean Transit Time," Stroke, Vol. 5, September-October 1974, pp. 630-639.				
HEISS et al., "Dynamic Penumbra Demonstrated by Sequential Multitracer PET after Middle Cerebral Artery Occlusion in Cats," Journal of Cerebral Blood Flow and Metabolism, Vol. 14, 1994, pp. 892-902.				
HUEDTZ et al., "Effects of Hypoxia and Hypercapnia on Capillary Flow Velocity in the Rat Cerebral Cortex," Microvascular Research, Vol. 54, 1997, pp. 35-42.				
HUEDTZ et al., "Heterogeneous Autoregulation of Cerebrocortical Capillary Flow: Evidence for Functional Thoroughfare Channels?", Microvascular Research, Vol. 51, 1996, pp. 131-136.				
HVISTENDAHL et al., "Renal Hemodynamic Response to Gradated Ureter Obstruction in the Pig," Nephron, Vol. 74, 1996, pp. 168-174.				
IVERSEN et al., "Increased glomerular capillary pressure and size mediate glomerulosclerosis in SHR juxamedullary cortex," Am. J. Physiol., Vol. 274 (Renal Physiol., Vol. 43), 1998, pp. F365-F373.				
JOHNSON, "Peripheral Circulation," New York, Wiley, 1973, pp. 1-4.				
KENT et al., "Quantitative Cerebral Blood Flow Changes Using Contrast Enhanced MRI: Modulation by Nitric Oxide," Journal of Cerebral Blood Flow, Vol. 17, Suppl. 1, 1997, pp. S14.				
KING et al., "A vascular transport operator," Am. J. Physiol., Vol. 256, pp. H2196-H2208.				
EXAMINER	DATE CONSIDERED			
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Form PTO-1449

**INFORMATION DISCLOSURE CITATION  
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Leif OSTERGAARDFILING DATE  
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EXAMINER INITIALS	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE

JAN 10 2002

**FOREIGN PATENT DOCUMENTS**

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						YES
						NO

**OTHER DOCUMENTS** (Include Name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.)

	KROLL et al., "Modeling regional myocardial flows from residue functions of an intravascular indicator," Am. J. Physiol., Vol. 271, 1996, pp. H1643-H1655.
	KUSCHINSKY et al., "Capillary Circulation in the Brain," Cerebrovascular and Brain Metabolism Reviews, Vol. 4, 1992, pp. 261-286.
	KWONG et al., "Dynamic magnetic resonance imaging of human brain activity during primary sensory stimulation," Proc. Natl. Acad. Sci. USA, Vol. 89, June 1992, pp. 5675-5679.
	LAMMERTSMA et al., "In Vivo Measurement of Regional Cerebral Haematocrit Using Positron Emission Tomography," Journal of Cerebral Blood Flow and Metabolism, Vol. 4, 1984, pp. 317-322.
	LASSEN, "Cerebral Transit of an Intravascular Tracer May Allow Measurement of Regional Blood Volume But Not Regional Blood Flow," Journal of Cerebral Blood Flow and Metabolism, Vol. 4, 1984, pp. 633-634.
	LEENDERS et al., "Cerebral Blood Flow, Blood Volume and Oxygen Utilization," Brain, Vol. 113, 1990, pp. 27-47.
	LI et al., "Nonlinear Model for Capillary-Tissue Oxygen Transport and Metabolism," Annals of Biomedical Engineering, Vol. 25, 1997, pp. 604-619.
	MOSELEY et al., "Early Detection of Regional Cerebral Ischemia in Cats: Comparison of Diffusion- and T2-Weighted MRI and Spectroscopy," Magnetic Resonance in Medicine, Vol. 14, 1990, pp. 330-346.
	NAGATA et al., "Glomerular damage after uninephrectomy in young rats. I. Hypertrophy and distortion of capillary architecture," Kidney International, Vol. 42, 1992, pp. 136-147.
	OHTA et al., "Cerebral [ <sup>15</sup> O] Water Clearance in Humans Determined by PET: I. Theory and Normal Values," Journal of Cerebral Blood Flow and Metabolism, Vol. 16, 1996, pp. 765-780.

EXAMINER

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JAN 10 2002

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1	OSTERGAARD et al., "Early changes measured by magnetic resonance imaging in cerebral blood flow, blood volume, and blood-brain barrier permeability following dexamethazone treatment in patients with brain tumors," J. Neurosurg. Vol. 90, 1999, pp. 300-305.
1	OSTERGAARD et al., "Modeling Cerebral Blood Flow and Flow Heterogeneity From Magnetic Resonance Residue Data," Journal of Cerebral Blood Flow and Metabolism, Vol. 19, 1999, pp. 690-699.
1	OSTERGAARD et al., "Magnetic Resonance Imaging Measurements of Flow Heterogeneity Demonstrate High Risk of Infarction in Acute Stroke," Denmark, 2000, pp. 1-21.
1	PORKKA et al., "Arterial-input function measurement with MRI," Proceedings of the Society of Magnetic Resonance in Medicine's 10 <sup>th</sup> annual Meeting, San Francisco, California, 1991, pp. 120.
	POWERS, "Cerebral Hemodynamics in Ischemic Cerebrovascular Disease," Ann Neurol, Vol. 29, 1991, pp. 231-240.
	PRESS et al., "Numerical Recipes in C, The Art of Scientific Computing, Second Edition," Oxford: Cambridge University Press, 1992, pp. 676-679.
	RENKIN, "Exchangeability of tissue potassium in skeletal muscle," Am. J. Physiol., Vol. 197, 1959, pp. 1211-1215.
	ROSEN et al., "Susceptibility Contrast Imaging of Cerebral Blood Volume: Human Experience," Magnetic Resonance in Medicine, Vol. 22, 1991, pp. 293-299.
	ROSEN et al., "Perfusion Imaging with NMR Contrast Agents," Magnetic Resonance in Medicine, Vol. 14, 1990, pp. 249-265
	ROSEN et al., "Contrast Agents and Cerebral Hemodynamics," Magnetic Resonance in Medicine, Vol. 19, 1991, pp. 285-292.

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/	SCHUMANN et al., "Evaluation of the ratio of cerebral blood flow to cerebral blood volume as an index of local cerebral perfusion pressure," Brain, Vol. 121, 1998, p. 1369-1379.					
/	SHEA et al., "Glomerular Hemodynamics and Vascular Structure in Uremia: A Network Analysis of Glomerular Path Lengths and Maximal Blood Transit Times Computed for a Microvascular Model Reconstructed from Subserial Ultrathin Sections," Microvascular Research, Vol. 28, 1984, pp. 37-50.					
/	SORENSEN et al., "Hyperacute Stroke: Evaluation with Combined Multisection Diffusion-weighted and Hemodynamically Weighted Echo-planar MR Imaging," Radiology, Vol. 199, 1996, pp. 391-401.					
/	SORENSEN et al., "Hyperacute Stroke: Simultaneous Measurement of Relative Cerebral Blood Volume, Relative Cerebral Blood Flow, and Mean Tissue Transit Time," Radiology, Vol. 210, 1999, pp. 519-527.					
/	STEWART, "Researches on the Circulation Time in Organs and on the Influences Which Affect It," Proc. Physiol. Soc., Vol. 15, November 8, 1890, pp. 1-89.					
/	VILLRINGER et al., "Dynamic Imaging with Lanthanide Chelates in Normal Brain: Contrast Due to Magnetic Susceptibility Effects," Magnetic Resonance in Medicine, Vol. 6, 1988, pp. 164-174.					
/	VOGEL et al., "Decreased Heterogeneity of Capillary Plasma Flow in the Rat Whisker-Barrel Cortex During Functional Hyperemia," Journal of Cerebral Blood Flow and Metabolism, Vol. 16, 1996, pp. 1300-1306.					
/	WEISSKOFF et al., "Pitfalls in MR Measurement of Tissue Blood Flow with Intravascular Tracers: Which Mean Transit Time?", Magnetic Resonance in Medicine, Vol. 29, 1993, pp 553-558.					
/	WEISSKOFF et al., "Microscopic Susceptibility Variation and Transverse Relaxation: Theory and Experiment," Magnetic Resonance in Medicine, Vol. 31, 1994, pp. 601-610.					
/	WISE et al., "Serial Observations on the Pathophysiology of Acute Stroke," Brain, Vol. 106, 1983, pp. 197-222.					
/	WONG et al., "Implementation of Quantitative Perfusion Imaging Techniques for Functional Brain Mapping Using Pulsed Arterial Spin Labeling," NMR in Biomedicine, Vol. 10, 1997, pp. 237-249.					
/	YAMAKAWA et al., "White Blood Cell Plugging and Blood Flow Maldistribution in the Capillary Network of Cat Cerebral Cortex in Acute Hemorrhagic Hypotension," Circulatory Shock, Vol. 22, 1987, pp. 323-332.					
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